

## skin care formulations

# Oxyzen beauty oil

Formula# 100-10144

Material# 886493

Ingredients (Trade Name)	INCI Name	% w/w	Supplier
<b>Phase A</b>			
Ceraphyl™ 28 ester	Cetyl Lactate	8.00	Ashland
Ceraphyl 230 ester	Diisopropyl Adipate	15.10	Ashland
Ceraphyl SLK ester	Isodecyl Neopentanoate	17.00	Ashland
<b>Phase B</b>			
Aqualon™ EC-N200 FG	Ethylcellulose	2.00	Ashland
<b>Phase C</b>			
ProLipid™ 141 lamellar gel	Glyceryl Stearate (and) Behenyl Alcohol (and) Palmitic Acid (and) Stearic Acid (and) Lecithin (and) Lauryl Alcohol (and) Myristyl Alcohol (and) Cetyl Alcohol	1.00	Ashland
<b>Phase D</b>			
Microcare™ Silicone M8100*	Caprylyl Methicone	10.00	Thor personal care
Dub™ 810 C*	Coco Caprylate/Caprates	10.00	Stearinerie Dubois
Isododecane	Isododecane	10.00	Local
Neossance™ Hemisqualane*	C13-15 Alkane	10.00	Amyris
Floramac™ 10*	Ethyl Macadamiate	10.00	Floratech
Serenity™ biofunctional	Marsdenia Cundurango Bark Extract (and) Caprylic/Capric Triglyceride	1.00	Ashland
<b>Phase E</b>			
Surfin™ 96*	Alcohol	4.00	CristalCo
PF Nourish SOS 8547979	Fragrance/Parfum	0.50	Charabot/Robertet
Unicert™ Yellow K7064-j * (sol 0.1% in Ceraphyl 230)	Diisopropyl Adipate (and) CI 47000 (Yellow 11)	1.14	Ashland/Sensient
Unicert Green K7016-j * (sol 0.1% in Ceraphyl 230)	Diisopropyl Adipate (and) CI 61565 (Green 6)	0.26	Ashland/Sensient
<b>Total</b>		<b>100.00</b>	

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### Procedure:

1. Heat Phase A to 75°C and sprinkle in Phase B, homogenize until smooth (viscosity increases and gel is clear)
2. At 75°C, add Phase C and mix until melted (viscosity increases and gel is clear)
3. Begin to gently cool down the batch
4. At 65°C, add Phase D one by one, mixing in between each addition (haziness appears and viscosity decreases)
5. At RT, add Phase E ingredients one by one and mix until homogeneous (gel becomes clear and liquid)
6. Stop at 25°C

### Typical Properties :

<b>Appearance:</b>	Clear, light green oil
<b>pH:</b>	NA
<b>Viscosity:</b>	Liquid

This formula has passed 3-month accelerated lab stabilities and was waived for PET challenge testing based on its anhydrous properties and alcohol content.

